

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123016\
 Data File : BG025418.D
 Acq On : 30 Dec 2016 17:58
 Operator : UM/SJ
 Sample : H6314-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Quant Time: Dec 30 23:10:42 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

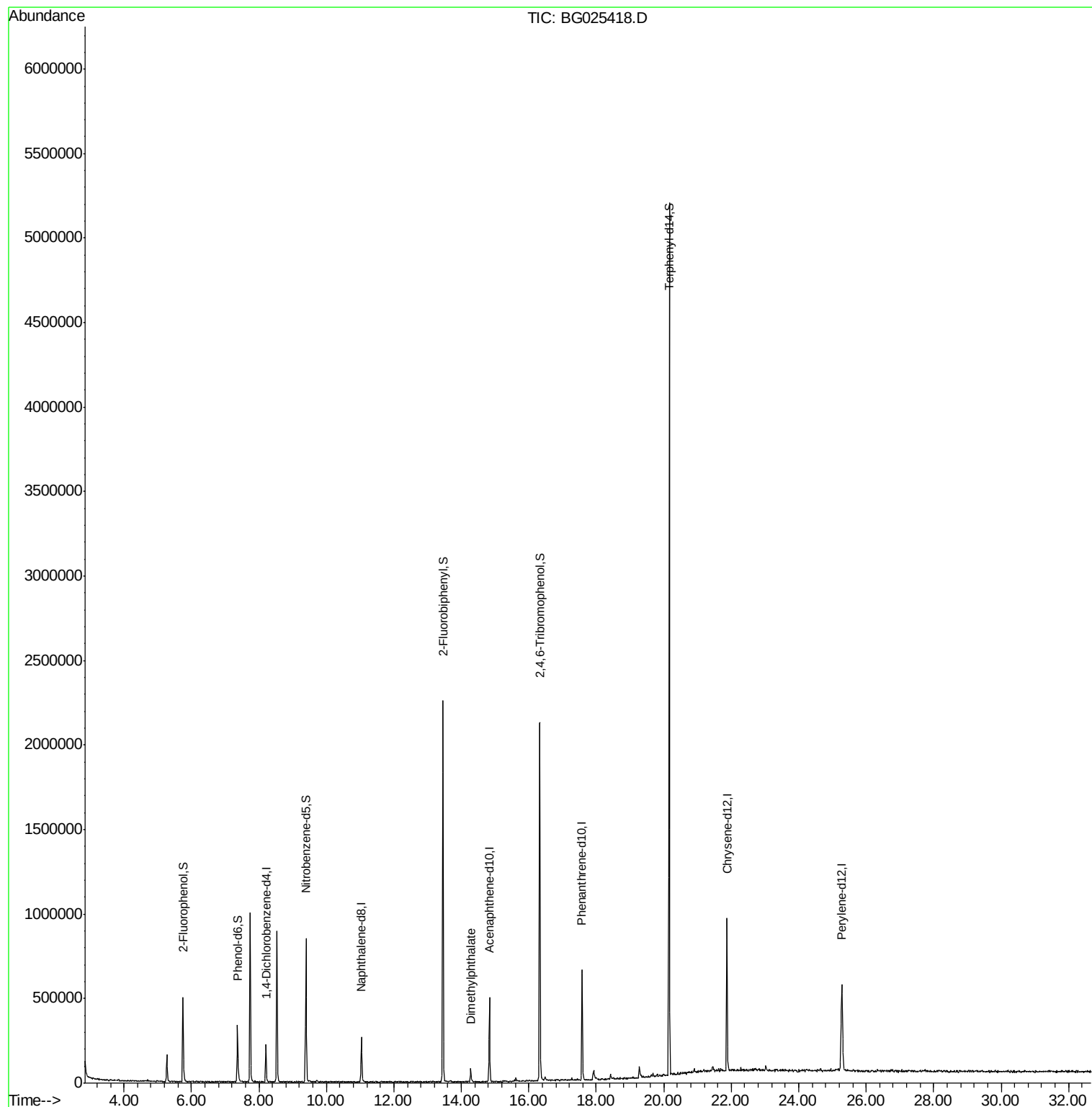
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	55425	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	225148	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	181789	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	416733	20.00	ng	0.00
75) Chrysene-d12	21.87	240	598633	20.00	ng	0.00
86) Perylene-d12	25.28	264	642364	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	206354	67.67	ng	0.00
7) Phenol-d6	7.36	99	175882	40.96	ng	0.00
23) Nitrobenzene-d5	9.39	82	528079	103.62	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	440264	150.43	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1145932	102.05	ng	0.00
78) Terphenyl-d14	20.16	244	2166106	95.94	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.28	163	58021	4.38	ng	Qvalue # 88

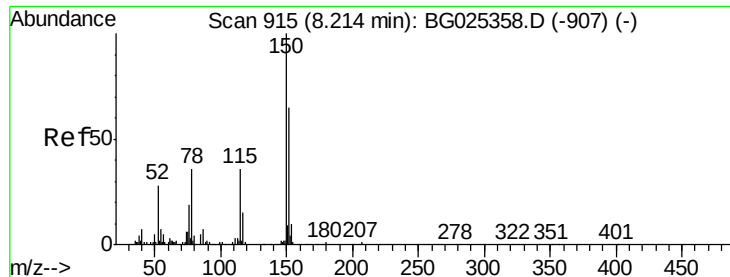
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.20 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

Instrument :

BNA_G

ClientSampleId :

MW-24

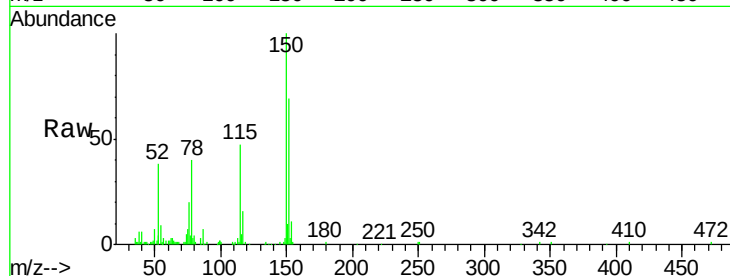
Tot Ion:152 Resp: 55425

Ion Ratio Lower Upper

152 100

150 144.2 114.0 171.0

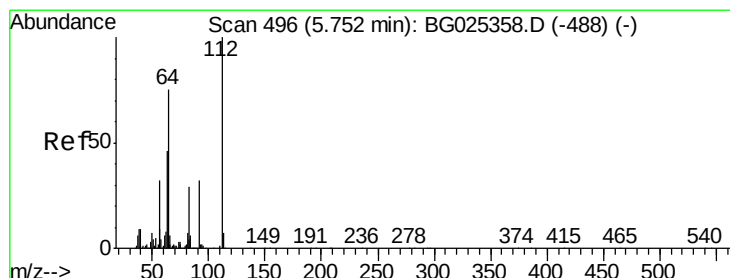
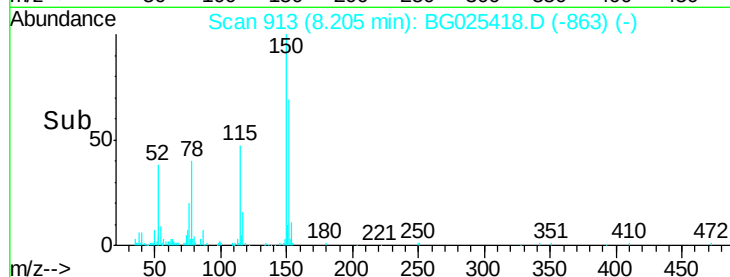
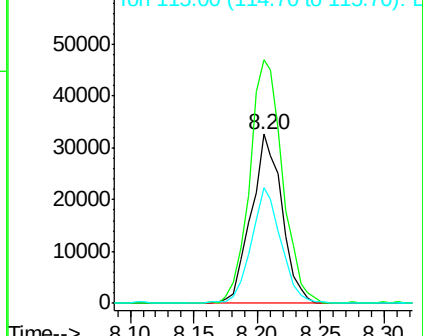
115 68.2 48.1 72.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 67.67 ng

RT: 5.75 min Scan# 495

Delta R.T. -0.00 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

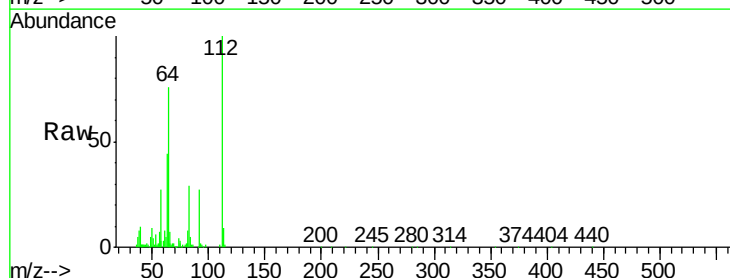
Tgt Ion:112 Resp: 206354

Ion Ratio Lower Upper

112 100

64 76.1 61.8 92.6

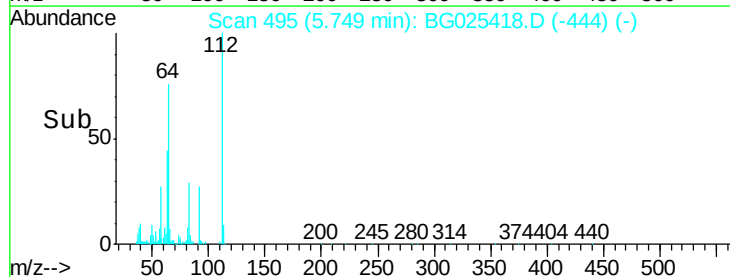
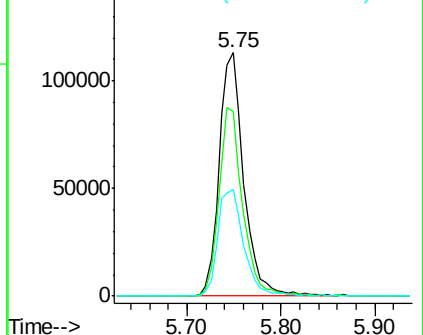
63 43.6 37.2 55.8

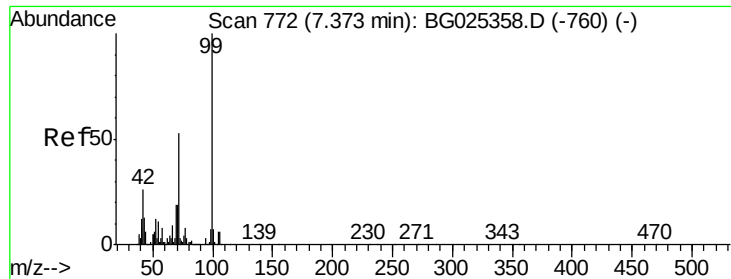


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 40.96 ng

RT: 7.36 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

Instrument :

BNA_G

ClientSampleId :

MW-24

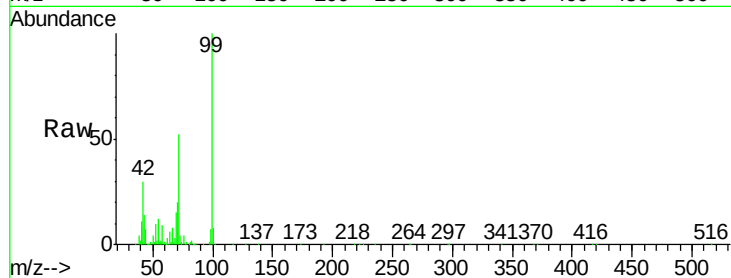
Tot Ion: 99 Resp: 175882

Ion Ratio Lower Upper

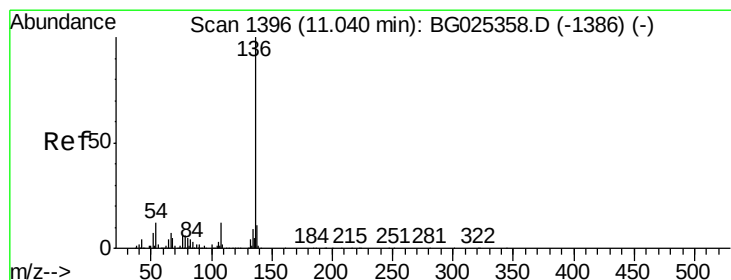
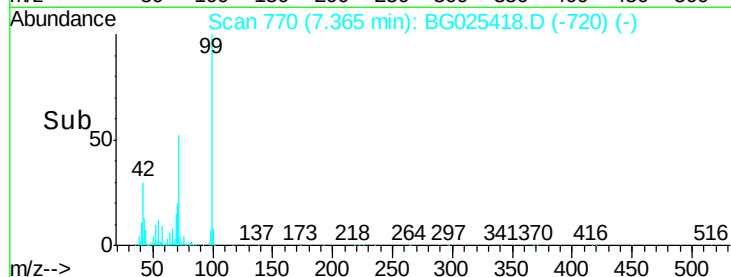
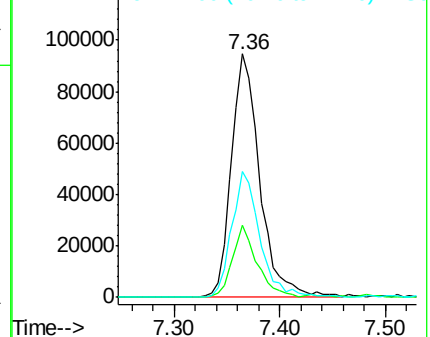
99 100

42 29.5 20.5 30.7

71 51.8 37.6 56.4



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.04 min Scan# 1395

Delta R.T. -0.00 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

Tgt Ion: 136 Resp: 225148

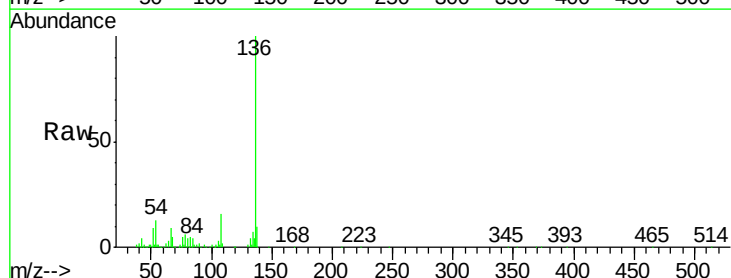
Ion Ratio Lower Upper

136 100

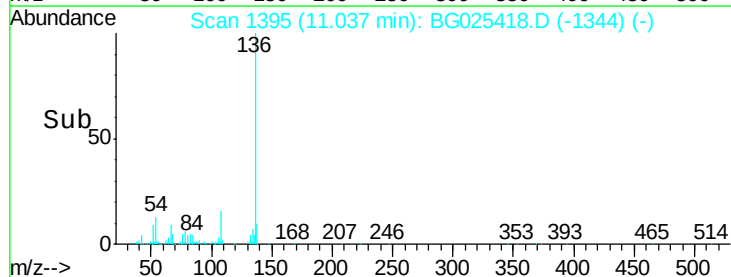
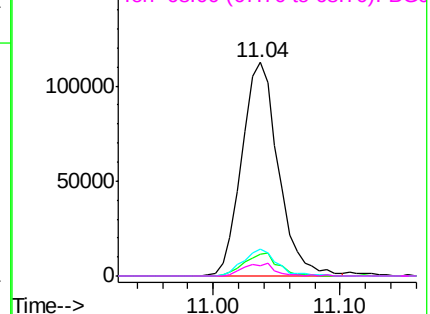
137 10.0 8.9 13.3

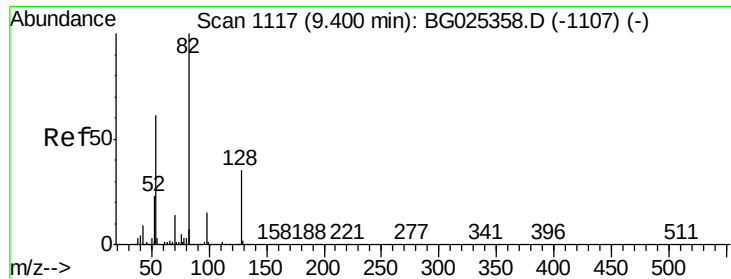
54 12.7 9.3 13.9

68 4.7 5.1 7.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

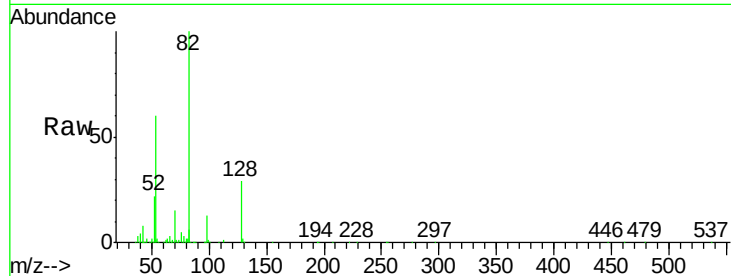




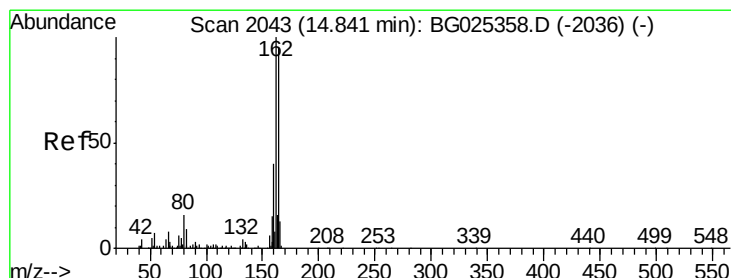
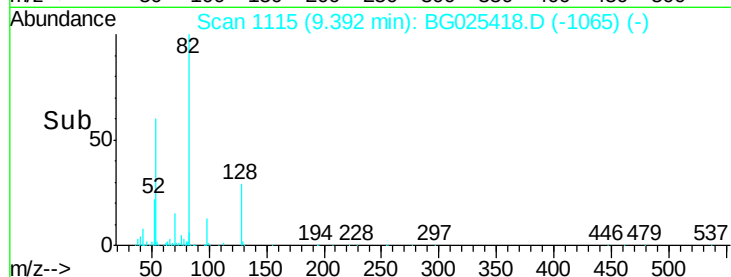
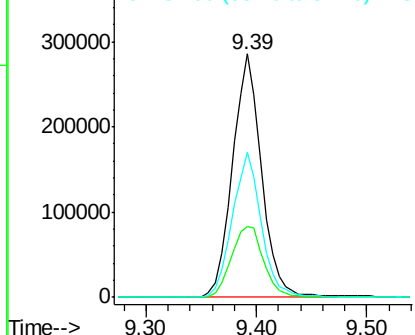
#23
 Nitrobenzene-d5
 Concen: 103.62 ng
 RT: 9.39 min Scan# 1115
 Delta R.T. -0.01 min
 Lab File: BG025418.D
 Acq: 30 Dec 2016 17:58

Instrument :
 BNA_G
 ClientSampleId :
 MW-24

Tot Ion	82	Resp	528079
Ion Ratio	Lower	Upper	
82	100		
128	29.2	26.4	39.6
54	59.8	49.4	74.2

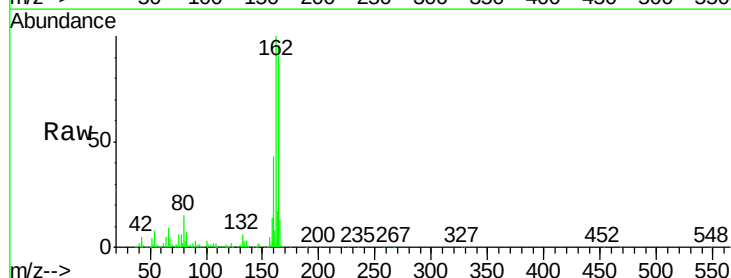


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

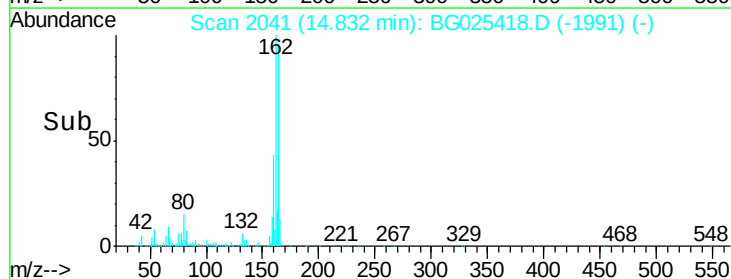
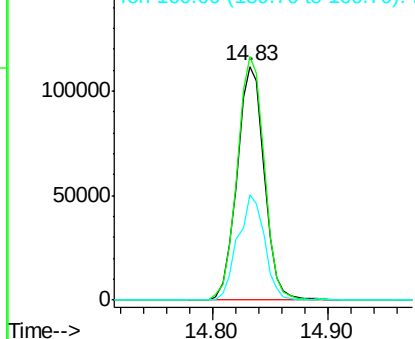


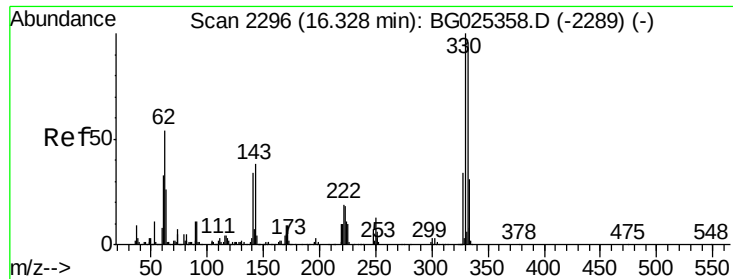
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BG025418.D
 Acq: 30 Dec 2016 17:58

Tgt Ion	164	Resp	181789
Ion Ratio	Lower	Upper	
164	100		
162	104.1	85.1	127.7
160	45.2	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

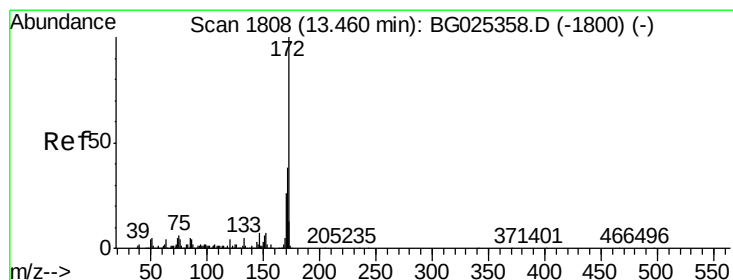
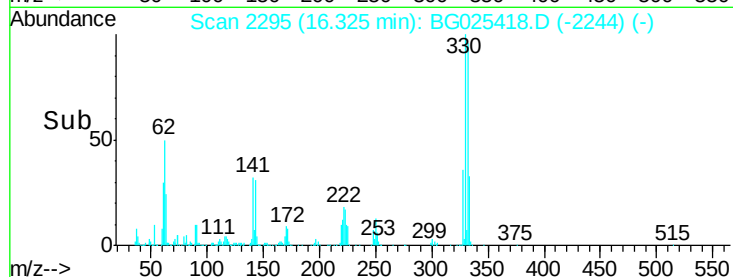
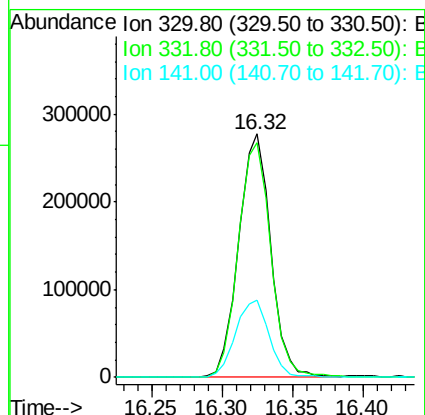
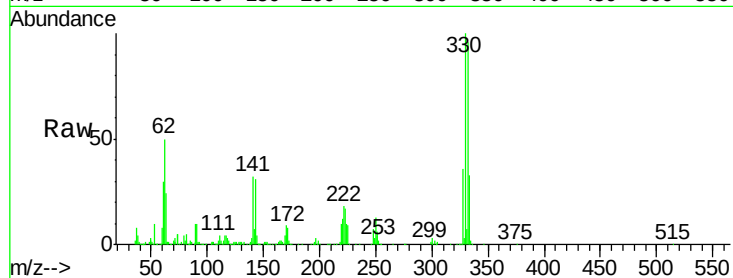




#41
 2,4,6-Tribromophenol
 Concen: 150.43 ng
 RT: 16.32 min Scan# 2295
 Delta R.T. -0.00 min
 Lab File: BG025418.D
 Acq: 30 Dec 2016 17:58

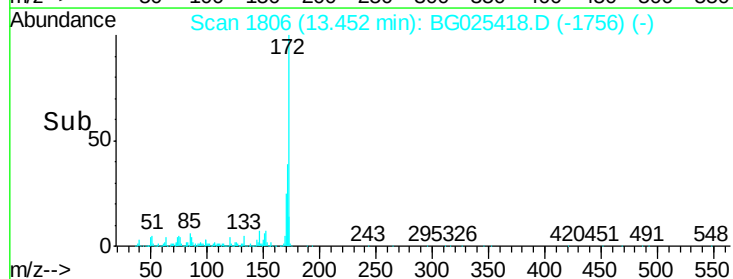
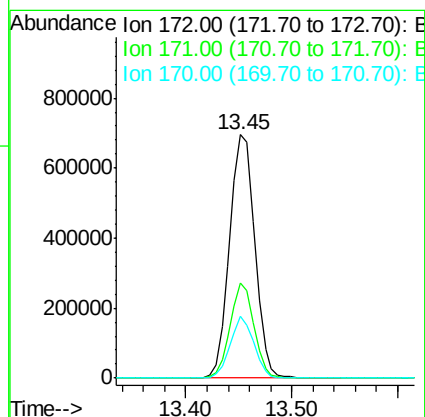
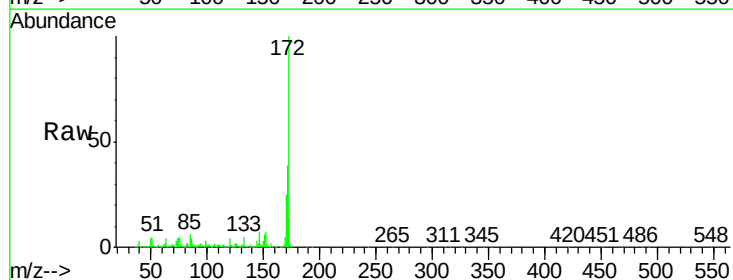
Instrument :
 BNA_G
 ClientSampled :
 MW-24

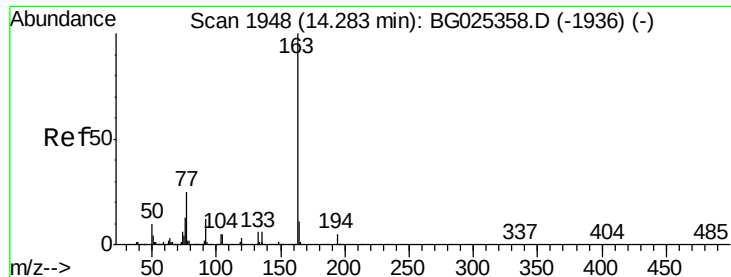
Tot Ion:330 Resp: 440264
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.3 115.9
 141 33.3 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 102.05 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG025418.D
 Acq: 30 Dec 2016 17:58

Tgt Ion:172 Resp: 1145932
 Ion Ratio Lower Upper
 172 100
 171 38.9 32.2 48.2
 170 25.3 21.8 32.6





#49

Dimethylphthalate

Concen: 4.38 ng

RT: 14.28 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

Instrument :

BNA_G

ClientSampleId :

MW-24

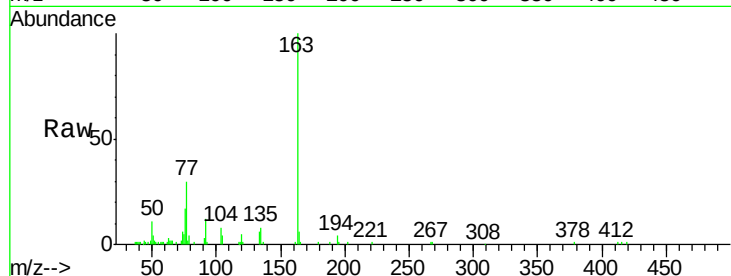
Tot Ion:163 Resp: 58021

Ion Ratio Lower Upper

163 100

194 3.9 3.8 5.6

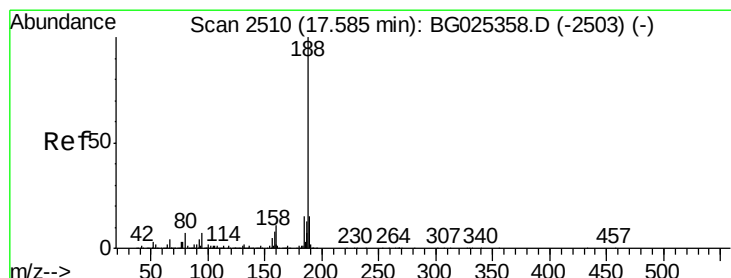
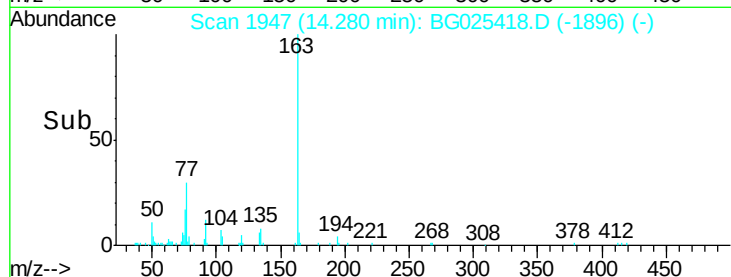
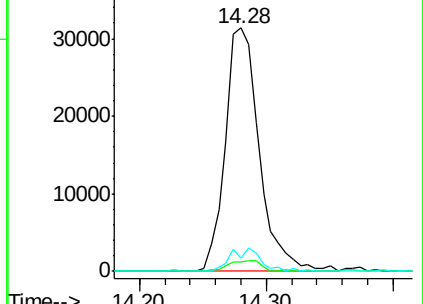
164 5.5 9.3 13.9#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2508

Delta R.T. -0.01 min

Lab File: BG025418.D

Acq: 30 Dec 2016 17:58

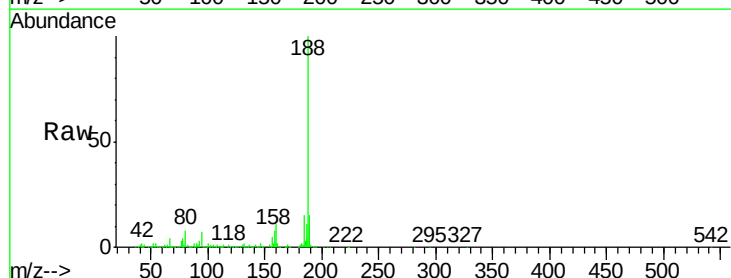
Tgt Ion:188 Resp: 416733

Ion Ratio Lower Upper

188 100

94 7.1 5.8 8.8

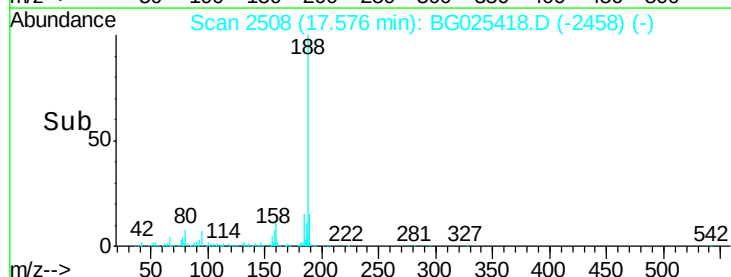
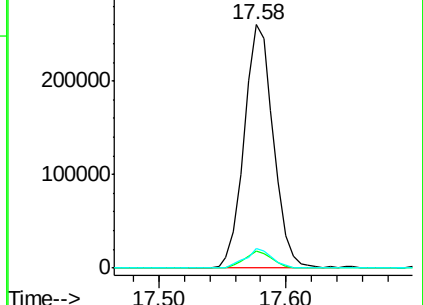
80 8.3 7.5 11.3

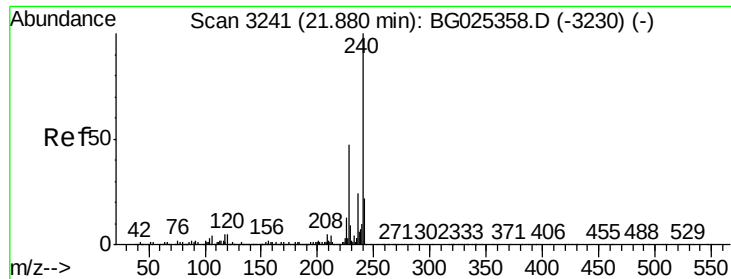


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

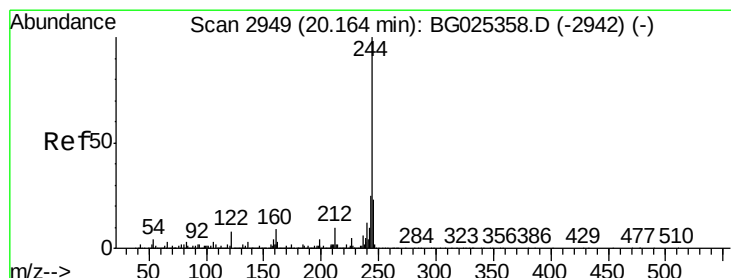
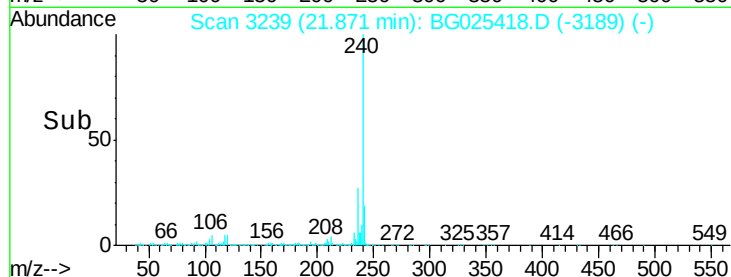
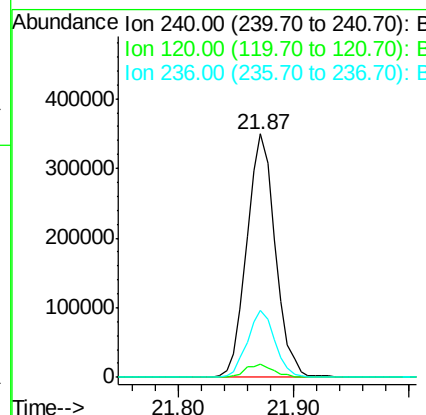
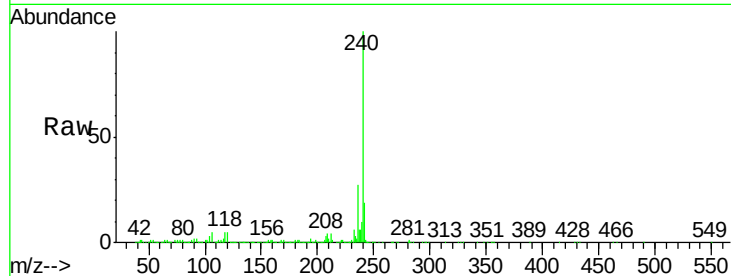




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 21.87 min Scan# 3239
 Delta R.T. -0.01 min
 Lab File: BG025418.D
 Acq: 30 Dec 2016 17:58

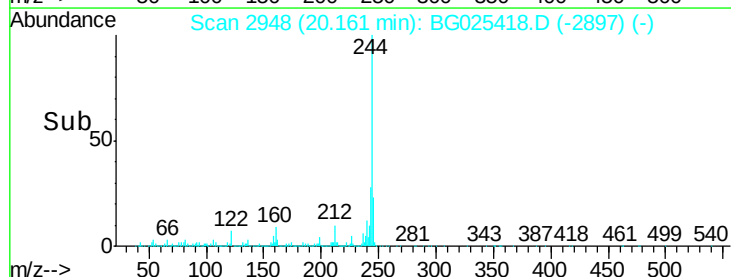
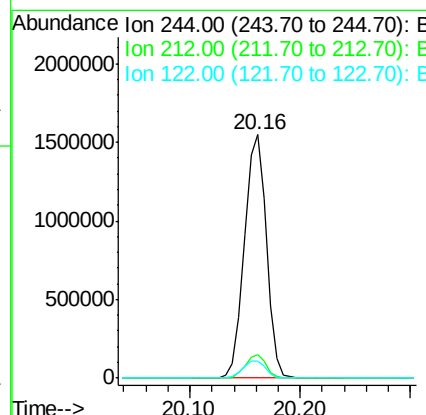
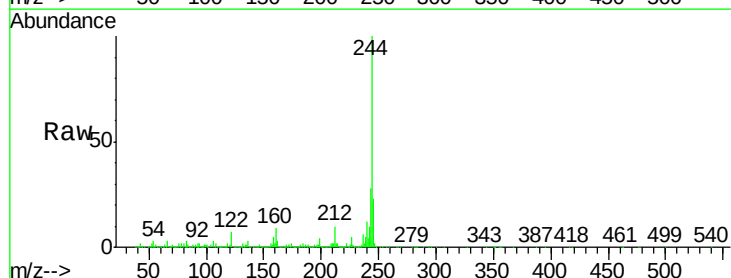
Instrument :
 BNA_G
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 MW-24

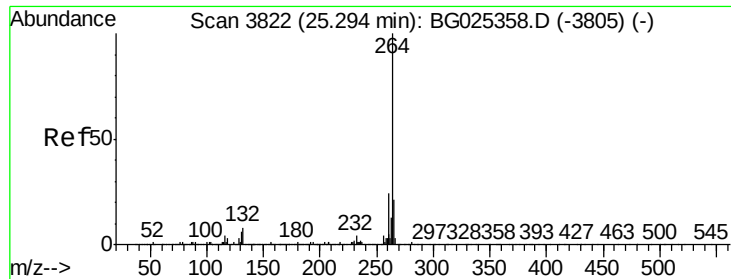
Tot Ion:240 Resp: 598633
 Ion Ratio Lower Upper
 240 100
 120 5.5 5.7 8.5#
 236 27.4 22.2 33.4



#78
 Terphenyl-d14
 Concen: 95.94 ng
 RT: 20.16 min Scan# 2948
 Delta R.T. -0.00 min
 Lab File: BG025418.D
 Acq: 30 Dec 2016 17:58

Tgt Ion:244 Resp: 2166106
 Ion Ratio Lower Upper
 244 100
 212 9.7 10.0 15.0#
 122 6.9 8.6 12.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3819
Delta R.T. -0.01 min
Lab File: BG025418.D
Acq: 30 Dec 2016 17:58

Instrument :
BNA_G
ClientSampleId :
MW-24

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	21.8	32.8
265	23.2	18.2	27.4

